

EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449



ELAP Certificate No. : 2119

09 November 2012

Calvin Yang

RWQC Central Valley

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670

RE: MUN Evaluation

Work order number:1210381

Enclosed are the results of analyses for samples received by the laboratory on 10/25/12 16:10. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

John Somers, Lab Director

Excelchem Environmental Labs

RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AWL121025-10	1210381-01	Water	10/25/12 07:46	10/25/12 16:10
AWL121025-11	1210381-02	Water	10/25/12 08:00	10/25/12 16:10
AWL121025-12	1210381-03	Water	10/25/12 08:25	10/25/12 16:10
AWL121025-15	1210381-04	Water	10/25/12 09:05	10/25/12 16:10
AWL121025-16	1210381-05	Water	10/25/12 09:15	10/25/12 16:10
AWL121025-17	1210381-06	Water	10/25/12 09:30	10/25/12 16:10
AWL121025-18	1210381-07	Water	10/25/12 09:55	10/25/12 16:10
AWL121025-20	1210381-08	Water	10/25/12 05:30	10/25/12 16:10
AWL121025-21	1210381-09	Water	10/25/12 07:46	10/25/12 16:10
AWL121025-30	1210381-10	Water	10/25/12 10:51	10/25/12 16:10
AWL121025-31	1210381-11	Water	10/25/12 11:08	10/25/12 16:10
AWL121025-32	1210381-12	Water	10/25/12 11:42	10/25/12 16:10
AWL121025-33	1210381-13	Water	10/25/12 12:01	10/25/12 16:10
AWL121025-34	1210381-14	Water	10/25/12 12:24	10/25/12 16:10
AWL121025-35	1210381-15	Water	10/25/12 12:44	10/25/12 16:10
AWL121025-36	1210381-16	Water	10/25/12 13:03	10/25/12 16:10
AWL121025-37	1210381-17	Water	10/25/12 13:23	10/25/12 16:10

Excelchem Environmental Lab.



Laboratory Representative

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Excelchem Environmental Labs

RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-10 1210381-01 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.31	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Excelchem Environmental Labs

RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-11 1210381-02 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.27	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-12 1210381-03 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	25.7	1.10	0.20	mg/L	10	AVK0408	10/26/12	10/26/12	EPA 300.0	
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11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-15 1210381-04 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	26.1	1.10	0.20	mg/L	10	AVK0408	10/26/12	10/26/12	EPA 300.0	
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11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-16 1210381-05 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.31	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-17 1210381-06 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	2.40	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-18 1210381-07 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.29	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-20 1210381-08 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.10	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	J
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11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-21 1210381-09 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.31	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29


AWL121025-30 1210381-10 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.27	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-31 1210381-11 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.28	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-32 1210381-12 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.28	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-33 1210381-13 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.27	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-34 1210381-14 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	1.84	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-35 1210381-15 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	0.97	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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RWQC Central Valley
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Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-36 1210381-16 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	4.31	0.11	0.02	mg/L	1	AVK0408	10/25/12	10/25/12	EPA 300.0	
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RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

AWL121025-37 1210381-17 (Water)

Analyte	Result	Reporting Limit	MDL	Units	DF	Batch	Date Prepared	Date Analyzed	Method	Notes
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Ion Chromatography

Nitrate as Nitrogen	44.8	1.10	0.20	mg/L	10	AVK0408	10/26/12	10/26/12	EPA 300.0	
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RWQC Central Valley
11020 Sun Center Dr. #200
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Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AVK0408 - EPA 300.0

Blank (AVK0408-BLK1)

Prepared & Analyzed: 10/25/12

Nitrate as Nitrogen	ND	0.11	0.02	mg/L
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LCS (AVK0408-BS1)

Prepared & Analyzed: 10/25/12

Nitrate as Nitrogen	2.11	0.11	0.02	mg/L	2.26	93.3	80-120
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LCS Dup (AVK0408-BSD1)

Prepared & Analyzed: 10/25/12

Nitrate as Nitrogen	2.16	0.11	0.02	mg/L	2.26	95.4	80-120	2.16	20
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Duplicate (AVK0408-DUP1)

Source: 1210381-01

Prepared & Analyzed: 10/25/12

Nitrate as Nitrogen	0.31	0.11	0.02	mg/L	0.31	1.96	20
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Matrix Spike (AVK0408-MS1)

Source: 1210381-01

Prepared & Analyzed: 10/26/12

Nitrate as Nitrogen	2.32	0.11	0.02	mg/L	2.26	0.31	88.8	75-125
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Matrix Spike Dup (AVK0408-MSD1)

Source: 1210381-01

Prepared & Analyzed: 10/26/12

Nitrate as Nitrogen	2.37	0.11	0.02	mg/L	2.26	0.31	90.8	75-125	1.95	20
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Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
ND Analyte not detected at reporting limit.
NR Not reported

Analysis Method

EPA 8260, EPA 8021/8015M
EPA 8270, EPA 8081, EPA 8082, EPA 8141, EPA 8015M (extractable)
Metals
TCLP
Not Specified

Prep Method

EPA 5030B
Water - EPA 3510C, Soil- EPA 3550B
Water- 3005A, Soil- 3050B
EPA 1311
Same as Analysis Method

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11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST									
Excelchem Environmental Labs 1135 W. Sunset Blvd. Suite A Rossmore, CA 95765 Phone: 916-543-4445 Fax: 916-543-4469 Project Manager: Calvin Yang, Leticia Valdez		Electronic Data Deliverables Request: <input type="checkbox"/> PDF <input checked="" type="checkbox"/> Geotracker (xlsx) <input type="checkbox"/> Other (specify)		Email Address: cvaldez@waterboards.ca.gov lvaldez@waterboards.ca.gov		ANALYSIS REQUEST Page 1 of 2			
Company Address: Central Valley Regional Water Quality Control Board 11020 Sun Center Drive Suite #200 Rancho Cordova, CA 95670		Project Name: MUN Evaluation		Project Number: 10-026-150-0		Date: 11/11/12		Week Order: 12/0381	
Project Location: Rancho Cordova		Sample Name and Signature: Calvin Yang		Method Preserved: NONE / OTHER		Container: PLASTIC		Matrix: AIR, SOIL, WATER, NONE / OTHER	
Sample ID	Date	Time	Method	Preserved	Container	Matrix	Requested TAT: PPM	LAB USE ONLY	Remarks/Condition of Sample
AWL121025-10	10/25/12	07:46						01	
AWL121025-11	10/25/12	08:00						02	
AWL121025-12	10/25/12	08:25						03	
AWL121025-13	10/25/12	08:30						04	
AWL121025-14	10/25/12	08:35						05	
AWL121025-15	10/25/12	08:40						06	
AWL121025-16	10/25/12	08:45						07	
AWL121025-17	10/25/12	08:50						08	
AWL121025-18	10/25/12	08:55						09	
AWL121025-20	10/25/12	09:00						10	
AWL121025-21	10/25/12	09:05						11	
AWL121025-20	10/25/12	09:10						12	
AWL121025-31	10/25/12	11:18						13	
AWL121025-32	10/25/12	11:23						14	
AWL121025-33	10/25/12	11:28						15	
AWL121025-34	10/25/12	11:33							
AWL121025-35	10/25/12	11:38							
Relinquished by (signature) Calvin Yang Date: 10/25/12 16:10 Relinquished by (signature) Leticia Valdez Date: 10/25/12 16:10									
Bill To: Leticia Valdez, Central Valley Regional Water Quality Control Board									

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RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

Excelchem Environmental Labs				CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST			
1155 W. Sunset Blvd. Suite A Redden, CA 95755 Phone: 916-544-4445 Fax: 916-542-4448 Project Manager: Calvin Yang, Leticia Valenzuela				Electronic Data Deliverables Request: <input type="checkbox"/> PDF <input type="checkbox"/> Geotracker (kml) <input type="checkbox"/> Other (please specify) _____ Email Address: cal.yang@waterboards.ca.gov leticia.valenzuela@waterboards.ca.gov			
Company Address: Central Valley Regional Water Quality Control Board 11020 Sun Center Drive Suite #200 Rancho Cordova, CA 95670				Project Name: MUN Evaluations Project Number/ID: 10-026-150-0 Project Location: _____			
Sampling Sample ID Date Time				Container Method Preserved Matrix			
AWL121025-36 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-37 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-38 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-39 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-40 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-41 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-42 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-43 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-44 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-45 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-46 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-47 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-48 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-49 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-50 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-51 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-52 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-53 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-54 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-55 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-56 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-57 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-58 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-59 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-60 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-61 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-62 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-63 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-64 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-65 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-66 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-67 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-68 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-69 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-70 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-71 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-72 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-73 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-74 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-75 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-76 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-77 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-78 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-79 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-80 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-81 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-82 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-83 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-84 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-85 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-86 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-87 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-88 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-89 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-90 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-91 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-92 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-93 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-94 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-95 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-96 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-97 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-98 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121025-99 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-00 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-01 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-02 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-03 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-04 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-05 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-06 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-07 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-08 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-09 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-10 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-11 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-12 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-13 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-14 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-15 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-16 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-17 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-18 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-19 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-20 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-21 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-22 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-23 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-24 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-25 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-26 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-27 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-28 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-29 11/09/12 13:03				PLASTIC HCl NO₃ WATER SOL. Nitrate as N			
AWL121026-							

Excelchem Environmental Labs

RWQC Central Valley
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Project: MUN Evaluation
Project Number: 10-026-150-0
Project Manager: Calvin Yang

Date Reported:
11/09/12 12:29

Sample Integrity

WORK ORDER 1210381

Date Received: 10/25/12

Section 1 - Sample Arrival Info.

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier Fed-Ex Other: _____
Transported In: Ice Chest Box Hand
Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: _____
Has chilling process begun? Y N Samples Received: Chilled to Touch / Ambient / On Ice
Temperature of Samples (°C): 11 Ice Chest Temperature(s) (°C): 7

Section 2 - Bottle/Analysis Info.

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	<u>X</u>			
Did all bottle labels agree with COC?	<u>X</u>			
Were correct containers used for the tests requested?	<u>X</u>			
Were correct preservations used for the tests requested?	<u>X</u>			
Was a sufficient amount of sample sent for tests indicated?	<u>X</u>			
Were bubbles present in VOA Vials? (Volatile Methods Only)			<u>X</u>	

Section 3 - Summa/Flow regulator Info.

Used Summa#:

Unused Summa#:

Cleaning Summa#:

Regulator#:

Was there any visual damage to summa canisters or flow regulators? Explain.

Section 4 - COC Info.

	Completed Yes	No	Info From Container		Completed Yes	No	Comments
Was COC Received	<u>X</u>			Analysis Requested	<u>X</u>		
Date Sampled	<u>X</u>			Samples arrived within holding time	<u>X</u>		
Time Sampled	<u>X</u>			Any hold times less than 72 hrs	<u>X</u>		<u>NO</u>
Sample ID	<u>X</u>			Client Name	<u>X</u>		
Rush TAT		<u>X</u>		Address/Telephone #	<u>X</u>		

Section 5 - Comments / Discrepancies

Was Client notified of discrepancies: Yes No N/A Notified by:

Explanations / Comments:

Samples Labeled by: JA
Bin #: 311
COC Scanned/Attached by: JA
Sample labels reviewed by:

Filled Jason Judd
Out by:

Date: 10/25/12
Time: 1610

Excelchem Environmental Lab.

[Signature]

Laboratory Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.